IN THE CLAIMS:

Cancel Claims 1-31, 41, 42 and 47-50 without prejudice, amend Claims 32-40 and 43-46 as follows, and add Claims 51-55:

Claims 1-31. Canceled

32. (Currently Amended) A device according to claim ~~31~~ 37, characterized in that the drive motor (22) of the valve device (12) is controlled by a control device (13) regulating, by ~~means of~~ the positions of the dampers (20,21), the relation air/recirculated exhaust gases in the valve device (12) based on information (14, 15, 16) supplied ~~as~~ to the actual operational state of the engine.

33.(Currently Amended) A device according to claim ~~31~~ 37, characterized in that the recirculation conduit (10) is connected to the exhaust pipe (6,9) of the engine after the catalyst (7) and a particle filter (8).

34.(Currently Amended) A device according to claim ~~31~~ 37, characterized by a cooler (11) arranged in the recirculation conduit (10) to cool the recirculated exhaust gases.

35.(Currently Amended) A device according to claim ~~31~~ 37, characterized in that in a diesel engine having a super charger, the valve (12) is arranged between the air intake (2) and the super charger.

36.(Currently Amended) A device according to claim ~~31~~ 37, characterized in that the drive motor is a step-motor (22) arranged to operate one of the dampers (20,21) at a time and adjust the same into an arbitrary position.

37.(Currently Amended) A device ~~according to claim 31~~ for recirculating a part of the exhaust gases from an exhaust pipe (6,9) of a diesel engine (1) to an inlet of the engine,

a recirculation conduit (10) being provided for diverting the exhaust gases from the exhaust pipe (6,9) and directing them to a controllable valve device (12) arranged between the engine and an air intake (2) thereof for enabling supply of air/recirculated gases in a desired relation to a combustion chamber of the engine (1),

the valve device comprising dampers (20,21) arranged in inlet channels (17, 18) for the recirculated exhaust gases and air respectively, characterized in that

the valve device is arranged to always maintain at least one of the dampers open,

a drive motor (22) common to the dampers is arranged to close the other of the dampers (20, 21), and

both dampers (20, 21) in a normal position are spring loaded (28, 29) to an open position.

38.(Currently Amended) A device ~~according to claim 31~~ for recirculating a part of the exhaust gases from an exhaust pipe (6,9) of a diesel engine (1) to an inlet of the engine,

a recirculation conduit (10) being provided for diverting the exhaust gases from the exhaust pipe (6,9) and directing them to a controllable valve device (12) arranged between the engine and an air intake (2) thereof for enabling supply of air/recirculated gases in a desired relation to a combustion chamber of the engine (1),

the valve device comprising dampers (20,21) arranged in inlet channels (17, 18) for the recirculated exhaust gases and air respectively, characterized in that

the valve device is arranged to always maintain at least one of the dampers open,

a drive motor (22) common to the dampers is arranged to close the other of the dampers (20, 21),

the valve device (12) comprises a first axle (23) on which a first one (20) of the dampers is arranged and a second axle (24) on which a second one (21) of the dampers is arranged,

the first and second axles (23, 24) being concentric, and ~~that~~

both axles (23, 24) are arranged to be rotatable by the drive motor (22).

39.(Currently Amended) A device according to claim 38, characterized in that the first axle (23) is connected to a first actuation arm (26),

~~that~~ the second axle (24) is connected to a second actuation arm (27), and

the valve device (12) comprises an actuation pin (25) which is movablee by ~~means of~~ the drive motor (22) ~~in order~~ to rotate the first axle (23) and the second axle (24) by interaction with the first actuation arm (26) and the second actuation arm (27), respectively, ~~so as~~ to control the position of the dampers (20, 21).

40.(Currently Amended) A device according to claim 39, characterized in that the valve device (12) comprises springs (28, 29) acting on the actuation arms (26, 27) ~~so as~~ to spring load each damper (20, 21) towards an open position.

Claims 41 and 42.Canceled

43.(Currently Amended) A valve ~~according to claim 42~~ for mixing two fluids flowing through two inlet channels (17, 18), characterized in that

dampers (20, 21) are arranged in both inlet channels (17, 18),

at least one of the dampers always is open and a common motor (22) is arranged to close the other of said dampers (20, 21),

the motor is a step-motor (22) arranged to operate one of the dampers (20, 21) at a time and adjust the same into an arbitrary position, and

both dampers (20, 21) in a normal position are spring loaded (28,29) to an open position.

44.(Currently Amended) A valve according to claim ~~42~~ 43, characterized in that the valve (12) comprises a first axle (23) on which a first one (20) of the dampers is arranged and a second axle (24) on which a second one (21) of the dampers is arranged,

the first and second axles (23, 24) being concentric, and ~~that~~

both axles (23, 24) are arranged to be rotatable by the motor (22).

45.(Currently Amended) A valve ~~according to claim 44~~ for mixing two fluids flowing through two inlet channels (17, 18), characterized in that

dampers (20, 21) are arranged in both inlet channels (17, 18),

at least one of the dampers always is open and a common motor (22) is arranged to close the other of said dampers (20, 21),

the motor is a step-motor (22) arranged to operate one of the dampers (20, 21) at a time and adjust the same into an arbitrary position.

the valve (12) comprises a first axle (23) on which a first one (20) of the dampers is arranged and a second axle (24) on which a second one (21) of the dampers is arranged, the first and second axles (23, 24) being concentric,

both axles (23, 24) are arranged to be rotatable by the motor (22),

the first axle (23) is connected to a first actuation arm (26),

~~that~~ the second axle (24) is connected to a second actuation arm (27), and

~~that~~ the valve (12) comprises an actuation pin (25) which is moveable by ~~means of~~ the motor (22) ~~in order~~ to rotate the first axle (23) and the second axle (24) by interaction with the first actuation arm (26) and the second actuation arm (27), respectively, ~~so as~~ to control the position of the dampers (20, 21).

46.(Currently Amended) A valve according to claim 45, characterized in that

the valve (12) comprises springs (28, 29) acting in the actuation arms (26, 27) ~~so as~~ to spring load each damper (20, 21) towards an open position.

Claims 47-50. Canceled

51. (new) A device according to claim 38, characterized in that the drive motor (22) of the valve device (12) is controlled by a control device (13) regulating, by the positions of the dampers (20,21), the relation air/recirculated exhaust gases in the valve device (12) based on information (14, 15, 16) supplied to the actual operational state of the engine.

52. (New) A device according to claim 38, characterized in that the recirculation conduit (10) is connected to the exhaust pipe (6,9) of the engine after the catalyst (7) and a particle filter (8).

53. (New) A device according to claim 38, characterized by a cooler (11) arranged in the recirculation conduit (10) to cool the recirculated exhaust gases.

54. (New) A device according to claim 38, characterized in that in a diesel engine having a super charger, the valve (12) is arranged between the air intake (2) and the super charger.

55. (New) A device according to claim 38, characterized in that the drive motor is a step-motor (22) arranged to operate one of the dampers (20,21) at a time and adjust the same into an arbitrary position.